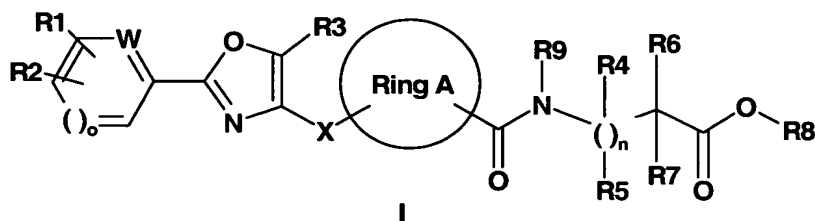


1. A compound having the formula I



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in which:

- Ring A is (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanediyl or (C<sub>3</sub>-C<sub>8</sub>)-cycloalkenediyl, wherein one or more carbon atoms of the (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanediyl ring or the (C<sub>3</sub>-C<sub>8</sub>)-cycloalkenediyl ring may be replaced by oxygen atoms;
- R1, R2 independently of one another are H, F, Cl, Br, CF<sub>3</sub>, OCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, SCF<sub>3</sub>, SF<sub>5</sub>, OCF<sub>2</sub>-CHF<sub>2</sub>, (C<sub>6</sub>-C<sub>10</sub>)-aryl, (C<sub>6</sub>-C<sub>10</sub>)-aryloxy, OH, NO<sub>2</sub>; or
- R1 and R2 together with the phenyl, pyridine, 1H-pyrrole, thiophene or furan ring form fused, partially or unsaturated bicyclic (C<sub>6</sub>-C<sub>10</sub>)-aryl, (C<sub>5</sub>-C<sub>11</sub>)-heteroaryl;
- R3 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, (C<sub>1</sub>-C<sub>3</sub>)-alkyl-(C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, phenyl, (C<sub>1</sub>-C<sub>3</sub>)-alkyl-phenyl, (C<sub>5</sub>-C<sub>6</sub>)-heteroaryl, (C<sub>1</sub>-C<sub>3</sub>)-alkyl-(C<sub>5</sub>-C<sub>6</sub>)-heteroaryl or (C<sub>1</sub>-C<sub>3</sub>)-alkyl which is fully or partially substituted by F;
- W is CH or N if o = 1;
- W is O, S or NR<sub>10</sub> if o = 0;
- X is (C<sub>1</sub>-C<sub>6</sub>)-alkanediyl, where in the alkanediyl group one or more carbon atoms may be replaced by oxygen atoms;
- n is 0-2;
- R4 is H or (C<sub>1</sub>-C<sub>6</sub>)-alkyl;

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- R5 is H or (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R6 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl or F;
- R7 is H; F; (C<sub>1</sub>-C<sub>6</sub>)-alkoxy; (C<sub>2</sub>-C<sub>6</sub>)-alkenyl; (C<sub>2</sub>-C<sub>6</sub>)-alkynyl; (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl; phenyl which may be unsubstituted or substituted by one or more radicals from the group consisting of hydroxy, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, F and CF<sub>3</sub>; (C<sub>1</sub>-C<sub>6</sub>)-alkyl which may be unsubstituted or substituted by one or more radicals selected from the group consisting of hydroxyl, phenyl, (C<sub>5</sub>-C<sub>11</sub>)-heteroaryl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy and NR<sub>11</sub>R<sub>12</sub>;
- with the proviso that R7 is not NR<sub>11</sub>R<sub>12</sub> or (C<sub>1</sub>-C<sub>6</sub>)-alkoxy if R6 = F;
- R7 and R9 together with the atoms that carry them are pyrrolidine or piperidine if n = 0;
- R6 and R7 together with the carbon atom that carries them are (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl;
- R8 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R9 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-alkynyl, (C<sub>1</sub>-C<sub>4</sub>)-alkyl-(C<sub>6</sub>-C<sub>10</sub>)-aryl, (C<sub>1</sub>-C<sub>4</sub>)-alkyl-(C<sub>5</sub>-C<sub>11</sub>)-heteroaryl, (C<sub>1</sub>-C<sub>4</sub>)-alkyl-O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, phenyl-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, (C<sub>5</sub>-C<sub>6</sub>)-heteroaryl-(C<sub>1</sub>-C<sub>4</sub>)-alkyl;
- R10 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl-phenyl, (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R11 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl-phenyl, (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R12 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl-phenyl, (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- a physiologically acceptable salt of the compound;  
a solvate of the compound; or  
a physiologically effective derivative of the compound.

## 2. The compound of Claim 1, in which

- 5      Ring A      is (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanediyl or (C<sub>3</sub>-C<sub>8</sub>)-cycloalkenediyl,  
                  wherein one carbon atom of the (C<sub>3</sub>-C<sub>8</sub>)-cycloalkanediyl ring  
                  or the (C<sub>3</sub>-C<sub>8</sub>)-cycloalkenediyl ring may be replaced by an  
                  oxygen atom;
- 10      X            is (C<sub>1</sub>-C<sub>6</sub>)-alkanediyl, wherein the C1 or C2 carbon atom (to  
                  Ring A) of the alkanediyl group may be replaced by an  
                  oxygen atom.

## 3. The compound of Claim 1, in which

- 15      Ring A      is cis-cyclohexane-1,3-diyl
- R1            is Br, CF<sub>3</sub>, OCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R2            is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl or
- 20      R1 and R2   together with the phenyl ring form naphthyl;
- R3            is CF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>3</sub>-C<sub>8</sub>)-cycloalkyl, phenyl;
- 25      W            is CH if o = 1;
- X            is CH<sub>2</sub>O or CH<sub>2</sub>-O-CH<sub>2</sub>;
- n            is 0;
- 30      R6            is H or (C<sub>1</sub>-C<sub>6</sub>)-alkyl;
- R7            is (C<sub>1</sub>-C<sub>6</sub>)-alkyl, where alkyl may be unsubstituted or  
                  substituted by phenyl;
- 35      R7 and R9   together with the atoms that carry them are pyrrolidine if  
                  n = 0;
- R6 and R7   together with the carbon atom that carries them are (C<sub>3</sub>-C<sub>6</sub>)-

cycloalkyl;

R8 is H; and

5 R9 is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl or benzyl.

4. A pharmaceutical composition, comprising the compound of Claim 1  
and a pharmaceutically acceptable carrier.
- 10 5. The pharmaceutical composition of Claim 4, further comprising an  
active compound having a favorable effect on a metabolic disorder or  
disease.
- 15 6. The pharmaceutical composition of Claim 4, further comprising an  
antidiabetic.
7. The pharmaceutical composition of Claim 4, further comprising a  
lipid modulator.
- 20 8. A method for treating and/or preventing a disorder of fatty acid  
metabolism and/or a glucose utilization disorder in a patient, comprising  
administering a therapeutically effective amount of the compound of Claim  
1 to the patient.
- 25 9. A method for treating a disorder in which insulin resistance is  
involved in a patient, comprising administering a therapeutically effective  
amount of the compound of Claim 1 to the patient.
- 30 10. A method for treating and/or preventing diabetes mellitus and its  
sequelae in a patient, comprising administering a therapeutically effective  
amount of the compound of Claim 1 to the patient.
- 35 11. A method for treating and/or preventing dyslipidemias and their  
sequelae in a patient, comprising administering a therapeutically effective  
amount of the compound of Claim 1 to the patient.
12. A method for treating and/or preventing a disease state or disorder  
state in a patient associated with a metabolic syndrome, comprising

administering a therapeutically effective amount of the compound of Claim 1 to the patient.

13. The method of Claim 8, further comprising administering in  
5 combination at least one further active compound for treating and/or preventing a disorder of the fatty acid metabolism and/or glucose utilization disorder.

14. The method of Claim 9, further comprising administering a at least  
10 one further active compound for treating and/or preventing a disorder in which insulin is involved.

15. A process for preparing a pharmaceutical comprising the  
15 compound of Claim 1, comprising the steps of:

(a) mixing the compound with a pharmaceutically acceptable carrier,  
and;

(b) bringing the mixture into a form suitable for administration.  
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16. A pharmaceutical composition comprising the compound of Claim 2 and a pharmaceutically acceptable carrier.

17. A method for treating and/or preventing a disorder of fatty acid  
25 metabolism and/or a glucose utilization disorder in a patient, comprising administering a therapeutically effective amount of the compound of Claim 2 to the patient.

18. A method for treating a disorder in which insulin resistance is  
30 involved in a patient, comprising administering a therapeutically effective amount of the compound of Claim 2 to the patient.

19. A method for treating and/or preventing diabetes mellitus and its  
35 sequelae in a patient, comprising administering a therapeutically effective amount of the compound of Claim 2 to the patient.

20. A method for treating and/or preventing dyslipidemias and their  
sequelae in a patient, comprising administering a therapeutically effective  
amount of the compound of Claim 2 to the patient.

21. A method for treating and/or preventing a disease state or disorder state in a patient associated with a metabolic syndrome, comprising administering a therapeutically effective amount of the compound of Claim 2 to the patient.
22. A pharmaceutical composition comprising the compound of Claim 3 and a pharmaceutically acceptable carrier.
23. A method for treating and/or preventing a disorder of fatty acid metabolism and/or a glucose utilization disorder in a patient, comprising administering a therapeutically effective amount of the compound of Claim 3 to the patient.
24. A method for treating a disorder in which insulin resistance is involved in a patient, comprising administering a therapeutically effective amount of the compound of Claim 3 to the patient.
25. A method for treating and/or preventing diabetes mellitus and its sequelae in a patient, comprising administering a therapeutically effective amount of the compound of Claim 3 to the patient.
26. A method for treating and/or preventing dyslipidemias and their sequelae in a patient, comprising administering a therapeutically effective amount of the compound of Claim 3 to the patient.
27. A method for treating and/or preventing a disease state or disorder state in a patient associated with a metabolic syndrome, comprising administering a therapeutically effective amount of the compound of Claim 3 to the patient.